

PENNSYLVANIA

CH-47D IFR Training Scenario #6

Muir AAF - Lancaster - Wilmington

Mission: Transport 18 passengers, with luggage, from Muir AAF (KMUI) to Wilmington, DE (KILG) for a conference. There are 4 additional passengers to pickup in Lancaster, PA (KLNS) also going to Wilmington. Due to time constraints, passengers will be loaded with the aircraft running at Airways FBO in Lancaster. Passengers should be dropped off at the DE Army National Guard hangar.

Departure Weather: 30010KT 1 SHRA FEW003 BKN008 OVC012 12/10 A2982

Enroute/Arrival Weather: Per attached DD Form 175-1

NOTAMS: Check appropriate sources for current NOTAMS. Last minute NOTAMS will be supplied by instructor as required.

Aircraft: CH-47F with 714A Engines.

DD 365-4 Data: On file at KMUI (do not complete 365-4.) Aircraft weight with full crew and fuel and passengers on board is 36,409 lbs.

PPC Data: KMUI: Current: PA +580 FAT +8° C Max conditions: PA +620 FAT +12° C.

Enroute/Arrival: See DD Form 175-1.

Remarks: Complete flight planning IAW the ATM and the GP. Plan and fly this mission as you would in the aircraft (i.e. for altitudes, planned approaches alternates as required etc.) If there is any information missing, use your judgment and provide details to instructor prior to the flight.

NOTE: aircraft weight 36409lbs

KMUI Departure Information

Runway 25

Wind 300/10

Altimeter 29.84

004 SCT Ceiling 008 BKN

1 miles drizzle

Clearance

Guard Copter 23385 is cleared to KLNS Lancaster.

Via MUIR THREE departure Lancaster transition,

Climb to and maintain 3000.

Harrisburg Departure frequency will be 126.45 / 281.525

Squawk 4242

KLNS ATIS

Lancaster information B

Time: _____Z

Wind 320/10G16

3/4 mile rain

005 SCT, Ceiling 008 BKN, 012 OVC

Temperature 13 Dew Point 12

Altimeter 29.84

Traffic landing and departing RWY 31

Advise initial contact you have information B

Clearance

Guard Copter 23385 is cleared to KILG Wilmington New Castle.

Via Lancaster, direct Modena, V29, Dupont, HADIN

Climb to and maintain 3000

Harrisburg Departure frequency will be 126.45 / 281.525

Squawk 4242

En route

Frequency change contact:

Reading Approach (125.15, 257.9)

Philadelphia Approach (118.35, 323.1)

Reduce ceiling to 100' for 500' Ceiling at KILG

KILG ATIS

Wilmington New Castle Information V

Time: _____Z

Wind 340/10

1 1/8 mile Rain

Ceiling 005 BKN, 010 OVC

Temperature 14 Dew Point 12

Altimeter 29.89

ILS RWY 1 in use, traffic landing and departing RWY 01/32

Advise initial contact you have information V

FLIGHT WEATHER BRIEFING									
PART I - TAKEOFF DATA									
1. DATE	2. ACFT TYPE/NO. CH-47/011	3. DEP PT/ETD KMUI	4. RWY TEMP +12 °F/C	5. DEWPOINT +10 °F/C	6. TEMP DEV	7. PRES ALT +550 FT	8. DENSITY ALT +320 FT		
9. SFC WIND 3010 M T	10. CLIMB WINDS	11. LOCAL WEATHER WATCH/WARNING/ADVISORY					12. RSC/RCR		
13. REMARKS/TAKEOFF ALTN FCST									
PART II - ENROUTE & MISSION DATA									
14. FLT LEVEL/WINDS/TEMP FL030 - 27018/+8 FL060 - 26029/+3		SEE ATTACHED		15. SPACE WEATHER			16. SOLAR/LUNAR		LOCATION
				NO IMPACT	MARGINAL	SEVERE	BMNT	Z	
				FREQ			3R	Z	MR
				GPS			3G	Z	MG
				RAD			SENT	Z	ILLUM
17. CLOUDS AT FLT LEVEL					18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY				
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> IN AND OUT					<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> TYPE				
19. MINIMUM CEILING - LOCATION 004 FT AGL			20. MAXIMUM CLOUD TOPS - LOCATION 120 FT MSL			21. MINIMUM FREEZING LVL - LOCATION 070 FT MSL			
22. THUNDERSTORMS		23. TURBULENCE		24. ICING		25. PRECIPITATION			
CHART		CHART		CHART		CHART			
<input checked="" type="checkbox"/> NONE <input type="checkbox"/> AREA <input type="checkbox"/> LINE		<input type="checkbox"/> NONE <input type="checkbox"/> IN CLEAR <input type="checkbox"/> IN CLOUD		<input type="checkbox"/> NONE <input type="checkbox"/> RIME <input type="checkbox"/> MIXED <input type="checkbox"/> CLEAR		<input type="checkbox"/> NONE <input type="checkbox"/> DRIZZLE <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> PELLET			
ISOLATED 1 - 2%		LIGHT		TRACE		LIGHT			
FEW 3 - 15%		MODERATE		LIGHT		MODERATE			
SCATTERED 16 - 45%		SEVERE		MODERATE		HEAVY			
NUMEROUS - MORE THAN 45%		EXTREME		SEVERE		SHOWERS			
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.		LEVELS SFC-080		LEVELS 080-120		FREEZING			
LOCATION		LOCATION Enroute		LOCATION Enroute		LOCATION Enroute and all stops			
PART III - AERODROME FORECASTS									
26. DEST/ALTN	27. VALID TIME	28. SFC WIND	29. VSBY/WEA	30. CLOUD LAYERS		31. ALTIMETER	RWY TEMP	PRES ALT	
DEST/ALTN KLNS	Z TO Z	32010G16 M T	3/4 SHRA	SCT005 BKN008 OVC012		INS 29.84	°F/C +13	FT +480	
DEST/ALTN KILG	Z TO Z	34010 M T	1 1/8 SHRA	BKN 005 OVC 010		INS 29.89	°F/C +14	FT +26	
DEST/ALTN Alt Dest	Z TO Z	32010 M T	2	BKN012		INS	°F/C	FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C	INS	
PART IV - COMMENTS/REMARKS									
32. BRIEFED RSC/RCR	YES	NOT AVAILABLE	33. PMSV	34. ATTACHMENTS		YES	NO		
35. REMARKS									
PART V - BRIEFING RECORD									
36. WX BRIEFED TIME		37. FLIMSY BRIEFING NO. IFR Scenario #6		38. FORECASTER'S INITIALS TN		39. NAME OF PERSON RECEIVING BRIEFING			
Z									
40. VOID TIME		41. EXTENDED TO/INITIALS		42. WX REBRIEF TIME/INITIALS		43. WX DEBRIEF TIME/INITIALS			
Z		Z		Z		Z			

DD FORM 175-1, OCT 2002

PREVIOUS EDITION MAY BE USED.

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